

Other: Alphajet 03/01/17

Aircraft:

Other: Alphajet

Flight Number:

208

Payload Configuration:

MMS, GHG, COFFEE, O3

Nav Data Collected:

Yes

Total Flight Time:

1.9 hours

Submitted by:

Kent Shiffer on 03/24/17

Flight Segments:

From:	KNUQ	To:	Bodega Bay, Bethel Is, Livermore, San Martin
Start:	03/01/17 20:23 Z	Finish:	03/01/17 22:19 Z
Flight Time:	1.9 hours		
Log Number:	17M030	PI:	Laura Iraci
Funding Source:	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
Purpose of Flight:	Science		
Comments:	AJAX Flight 208 (2017 March 1) Bay Area Boundary Layer Two Pods Aim: To perform vertical profiles offshore at EUGEN and Bodega Bay, and vertical profiles and horizontal legs and over environmental monitoring sites in the Bay Area, making measurements with the ozone, GHG, COFFEE and MMS Instruments EUGEN: 37° 5' 45.6? N, 122° 27' 6.2? W, elev. 0 ft Bodega Bay (BBY) 38° 19' N, 123° 3' W (38.32 N , 123.06 W) , elev. 16 ft Bethel Island 38° 0' N, 121°4' W, elev. 97 ft Livermore near KLVK, actual target is 37.69 N, 121.78 W, elev. 450 ft. San Martin 37° 5' 5.8" N, 121° 36' 36.8" W, elev. 300 ft		

Flight Hour Summary:

	15M037	16M019	17M030
Flight Hours Approved in SOFRS	70		
Flight Hours Previously Approved		25.1	
Total Used	44.9	51.6	12.5
Total Remaining			-27

17M030 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
11/02/16	202	Science	1.9	1.9	-16.4
11/03/16	203	Science	1.2	3.1	-17.6
12/02/16	204	Science	1.3	4.4	-18.9
01/31/17	206	Science	1.9	6.3	-20.8
02/23/17	207	Science	1	7.3	-21.8
03/01/17	208	Science	1.9	9.2	-23.7
03/09/17	209	Science	2	11.2	-25.7
03/23/17	210	Science	1.3	12.5	-27

16M019 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
10/01/15	171	Science	1.7	1.7	23.4
10/07/15	172	Science	2	3.7	21.4
10/22/15	173	Science	1	4.7	20.4
11/17/15	174	Science	2	6.7	18.4
12/04/15	175	Science	1.8	8.5	16.6
12/09/15	176	Science	1.8	10.3	14.8

12/11/15	177	Science	1	11.3	13.8
12/15/15	178	Science	1	12.3	12.8
01/08/16	179	Science	1.8	14.1	11
01/12/16	180	Science	2.2	16.3	8.8
03/10/16	181	Science	1.4	17.7	7.4
03/17/16	182	Science	2	19.7	5.4
03/23/16	183	Science	1.5	21.2	3.9
03/30/16	184	Science	1.8	23	2.1
04/19/16	185	Science	1.7	24.7	0.4
04/26/16	186	Science	1.9	26.6	-1.5
05/04/16	187	Science	1.9	28.5	-3.4
05/12/16	188	Science	1.5	30	-4.9
05/19/16	189	Science	2	32	-6.9
06/03/16	190	Science	1.9	33.9	-8.8
06/15/16	191	Science	1.9	35.8	-10.7
06/21/16	192	Science	1.7	37.5	-12.4
07/01/16	193	Science	2.1	39.6	-14.5
07/06/16	194	Science	1.7	41.3	-16.2
07/11/16	195	Science	1.3	42.6	-17.5
07/28/16	196	Science	2	44.6	-19.5
08/09/16	197	Science	1.7	46.3	-21.2
08/12/16	198	Science	1.7	48	-22.9
08/24/16 - 08/25/16	199	Science	0.7	48.7	-23.6
09/14/16	200	Science	1.6	50.3	-25.2
09/21/16	201	Science	1.3	51.6	-26.5

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15M037 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
10/02/14	144	Science	2	2	68
10/08/14	145	Science	1.7	3.7	66.3
10/15/14	146	Science	1.3	5	65
10/24/14	147	Science	1	6	64
11/06/14	148	Science	1	7	63
11/10/14	149	Science	1.6	8.6	61.4
11/25/14	150	Science	2	10.6	59.4
12/10/14	151	Science	1.3	11.9	58.1
03/18/15	152	Science	2.1	14	56
03/25/15	153	Science	1.5	15.5	54.5
03/31/15	154	Science	1.9	17.4	52.6
04/14/15	155	Science	1.8	19.2	50.8
04/24/15	156	Science	2.1	21.3	48.7
05/12/15	157	Science	1.6	22.9	47.1
05/19/15	158	Science	1.5	24.4	45.6
05/27/15	159	Science	1.5	25.9	44.1
06/02/15	160	Science	2	27.9	42.1
06/11/15	161	Science	1.5	29.4	40.6
06/29/15	162	Science	2	31.4	38.6
07/01/15	163	Science	2.1	33.5	36.5
07/22/15	164	Science	1.2	34.7	35.3
07/29/15	165	Science	1.5	36.2	33.8
08/05/15	166	Science	1.4	37.6	32.4
08/19/15	167	Science	2.1	39.7	30.3
09/02/15	168	Science	1.6	41.3	28.7
09/17/15	169	Science	2.3	43.6	26.4
09/24/15	170	Science	1.3	44.9	25.1